



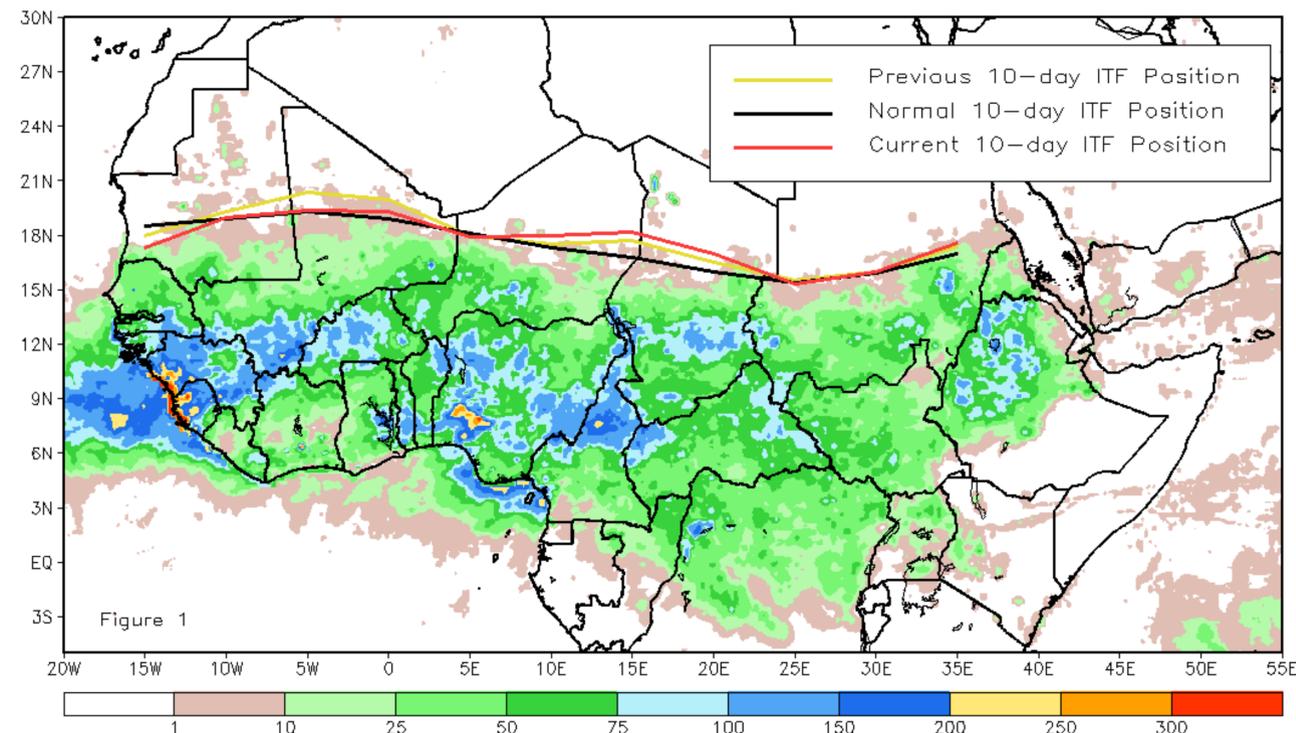
CPC Africa Desk InterTropical (ITF) Front Analysis

July 2018, Dekad 2

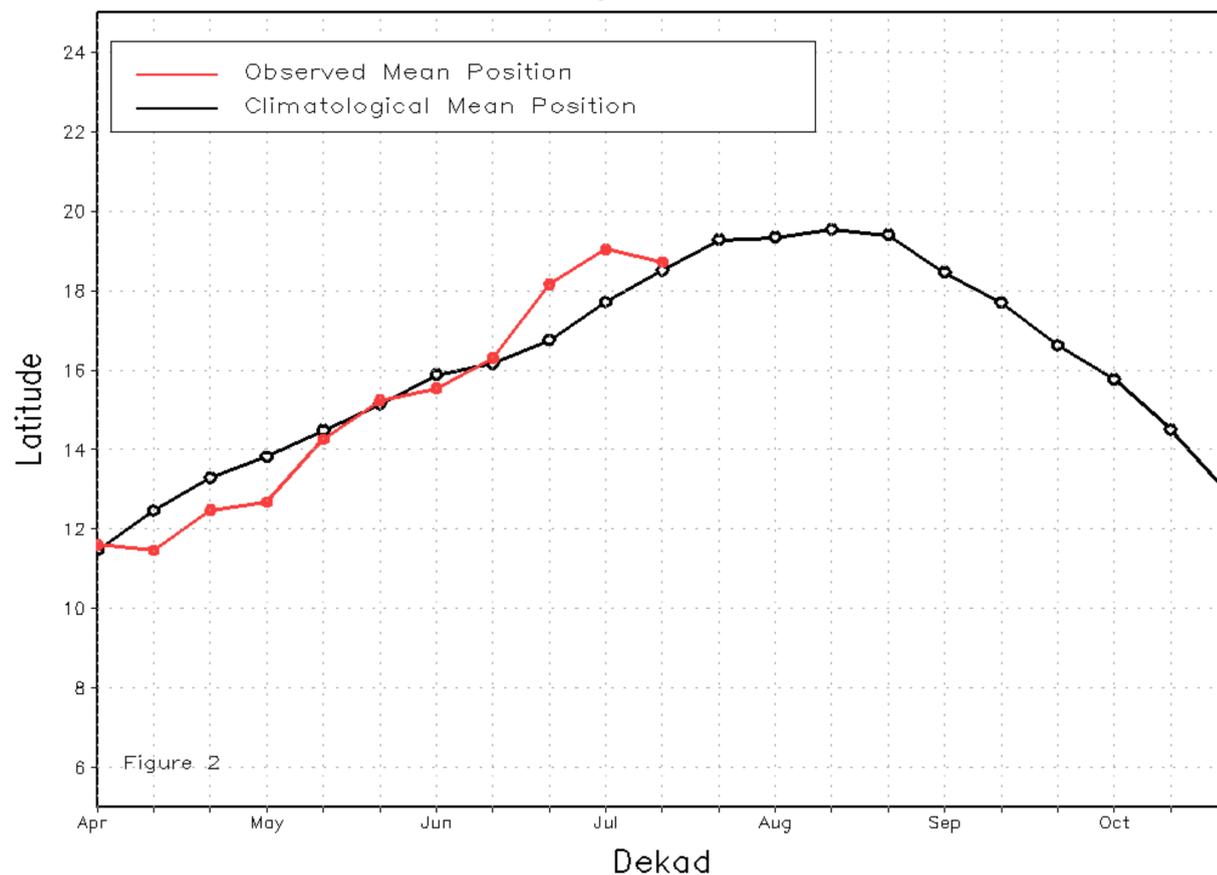
Discussion:

From July 11-20, the ITF exhibited slight southward movement west of 5 degrees longitude, but elsewhere exhibited little movement from its previous position during early July. The mean western (10W-10E) portion of the ITF was approximated at 18.7N, located to the north of the climatological normal position by 0.2 degrees. The persistent northward displacement of the ITF during recent dekads has led to ample moisture across the Sahel so far this season. The mean eastern (20E - 35E) portion of the ITF was approximated at 16.5N, slightly north of the previous dekad climatological mean position by 0.4 degrees. Figure 1 shows the current position of the ITF relative to the mean climatological (black) position during the 2nd dekad of July and its previous (yellow) position during the 1st dekad of July. Figures 2 and 3 are time series, illustrating the mean latitudinal values of the western and eastern portion of the ITF, respectively, and their seasonal evolution compared to climatology since April, 2018.

Current vs. Normal Dekadal ITF Position
and RFE Accumulated Precipitation (mm)
July 2018, Dekad 2



Mean Western Portion of the ITF: Averaged 10W to 10E
As of: July 2018, Dekad 2



Mean Eastern Portion of the ITF: Averaged 20E to 35E
As of: July 2018, Dekad 2

